

METHOD FOR PERFORMING A SEAMLESS HANDOFF IN A COMMUNICATION SYSTEM

Abstract of the Disclosure

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In a communication system, a mobile station (104) is currently associated with a first access point (AP1). AP1 (100) receives a transmission at a first signal quality from the mobile station. AP1 also receives a first message that indicates a second signal quality at which a second access point (AP2) is receiving
10 transmissions from the mobile station. AP1 compares the first signal quality with the second signal quality, and when the second signal quality is greater than the first signal quality, AP1 signaling AP2 (102) to initiate a handoff with the mobile station. Alternatively, prior to AP1 signaling AP2 to initiate the handoff, AP1 may take into consideration the signal quality of transmissions received by the
15 mobile station from the access points (100, 102).